



# IRSYS2023 VII. INTERNATIONAL RESEARCHERS, STATISTICIANS, AND YOUNG STATISTICIANS CONGRESS NOVEMBER 2-5, 2023

## CONGRESS PROGRAMME

### 2 NOVEMBER 2023 (THURSDAY)

2 NOVEMBER 2023 (THURSDAY)

09.00-10.00	Registration			
10.00-11.00	Opening Ceremony and Speeches			
11.00-11.30	Welcome Reception			
11.30-12.15	Invited Speaker-1 Serhat Atakul "Elektronik Veri Araştırma Merkezi" Chairwoman: Prof. Dr. Hülya Çıngır			
12.15-13.30	Invited Speaker-2 Prof. Dr. Paulo Canas Rodrigues "Statistical Learning: Transforming data into knowledge" Chairman: Prof. Dr. Ozan Kocadağlı			
13.30-14.30	Lunch Time	Lunch Time	Lunch Time	Lunch Time
Session Chair	<b>BÜYÜK SALON</b>	<b>YEŞİL SALON</b>	<b>KIRMIZI SALON</b>	<b>FERRUH ERTÜRK SALONU / SEMİNER SALONU</b>
	Invited Speaker-3 Prof. Dr. Hamparsum Bozdoğan "Expected Volume Confidence Region Complexity (EVCRCOMP) with applications" Chairwoman: Prof. Dr. Filiz Karaman	On Normalized Laplacian and Randi'c spectrum of Cozero-divisor graph of the ring $Z_n$ Mohd Nazim, Nadeem Ur Rehman, Shabir Ahmad Mir	Using a Numerical Method to Solve a Class of Fractional Multi-Pantograph Equations Hafidha Sebbagh, Ghouti Abdellaoui	Existence of positive solutions for a weighted quasilinear elliptic system Hamzaoui Yamina
	<b>Zoom Connection</b>			
	"Expected Volume Confidence Region Complexity (EVCRCOMP) with applications" Prof. Dr. Hamparsum Bozdoğan 14.30-15.15 Time: Nov 2, 2023 01:30 PM Istanbul	On the essential annihilating-ideal graph of commutative rings Mohd Nazim, Nadeem Ur Rehman	Multiple solutions for an elliptic nonlocal problem with critical growth in $R^3$ Atika Matallah, Hayet Benchira	A Note on The Exponential Inequalities for Extended Negatively Orthant Dependent Random Variables Omar El Farouk Cherifi, Boubaker Mechab, Samir Benaissa
	<b>Join Zoom Meeting</b> <a href="https://yildiz-edu-tr.zoom.us/j/95370778981?pwd=UWZvWjBidGRIR05GMdh6k09ZcXAwUT09">https://yildiz-edu-tr.zoom.us/j/95370778981?pwd=UWZvWjBidGRIR05GMdh6k09ZcXAwUT09</a>	Stability result of Lord-Shulman system with microtemperature effects Marwa Boudeliou, A. Diebala	Existence and multiplicity result for a stationary problem of Kirchhoff type Safia Benmansour, Nadjet Yagoup	
	Meeting ID: 953 7077 8981 Passcode: 6X2a47			
15.15-15.30	Coffee Break	Coffee Break	Coffee Break	Coffee Break
Session Chair	<b>BÜYÜK SALON</b>	<b>YEŞİL SALON</b>	<b>KIRMIZI SALON</b>	<b>FERRUH ERTÜRK SALONU / SEMİNER SALONU</b>
	Ersoy Öz	Çalışanların Memnuniyet Düzeylerine Yönelik Makine Öğrenmesi Algoritmaları ile Sınıflandırma Uygulaması Zuhal Fatma Cellat, Ersoy Öz	Statistics Ethics And Research Skills Imane Zeryouh, Latifa Belfakir, Mohammed Moubassime	Hassaine Taha, E.A Influence of defects and temperature on the performance of the solar cell Souhila Boukli Hacène, Abdelhak Chikhaoui, Aicha Abderrahmane, Badr-Eddine Nabil Brahm
	Zamansal Coğrafi Bilgi Sistemi(ZCBS) Verilerinin R Programlama Dili İle Görselleştirilmesi İbrahim Edibali Atalay, Zeynep Öztürk	Evaluation Of Local Authorities In Oecd Countries with CRTIC and EATWIOS Approaches Mustafa Çanakçıoğlu, Ömer Faruk Görçün	Investigation Of The Dependence Structures Of BRICS Countries' Stock Markets Before And After COVID-19 Pandemic Tugay Karadağ, Gülhayat Gölbaşı Şimşek	Modeling and simulation of organic solar cells based on P3HT:PCBM using SCAPS 1-D (Influence of defects and temperature on the performance of the solar cell) Boukli Hacène Souhila, Abdelhak Chikhaoui, Aicha Abderrahmane, Badr-Eddine Nabil Brahm
	Mustafa Çağatay Korkmaz	Türkiye'de Kayıt Dışı Ekonomi Üzerine Ekonometrik Bir Analiz Zuhal Sarı	Development of International Classification For Official Statistics: ICVAC Salim Gürbüz, Ayhan Doğan, Şenol Deniz	A Effective Moisture Diffusivity of A Hybrid Double Pass Collector-Solar Dryer For Tomato Slices Drying Korti Abdel Illah Nabil, Guelilil H.
16.15-16.30	Coffee Break	Coffee Break	Coffee Break	Coffee Break
Session Chair	<b>BÜYÜK SALON</b>	<b>YEŞİL SALON</b>	<b>KIRMIZI SALON</b>	<b>FERRUH ERTÜRK SALONU / SEMİNER SALONU</b>
	On A Modified Unit Distribution with the Associated Quantile Regression Model Mustafa Çağatay Korkmaz, Berrin Gültay	Quality in Official Statistics Serdar Cihat Gören	Robust Parameter Estimation for Bayesian Extended Power Regression Model Using Different Markov Chain Monte Carlo Sampling Algorithms Mutlu Altuntaş	Machine Learning Project On Diabetes Eren Demir
	On Parameter Estimation of the Generalized Marshall-Olkin Exponentiated Exponential Distribution, Egemen Özkan, Gülhayat Gölbaşı Şimşek	Spatial data case: conditional hazard estimate by the local linear method T. Merouan, Mohammed Abaidallah, B. Mechab	Auxiliary Variable Effect in Calibration Estimator Cenker Burak Metin, Duygu Kılıç	Rfm Metriklerine Dayalı Bireysel Müşteri Terk Oraninin Makine Öğrenmesi İle Tahmini Ulaş Tabar, Begüm Yağcı
	A Comparison of Regression Models For Count Data In EU-SILC Survey Onur Şentürk, Hülya Olmuş	A Statistical Analysis Of Migration Data In Van Province: 2008-2022 Olgun Özdemir, Zafer Ağyar, Mehmet Şaban Uçarı	Mutluluk Endeksinin Makine Öğrenmesi Yaklaşımlarıyla Analizi Kadriye Nurdanay Öztürk, Öyküm Esra Yiğit	Classification of Turkish Online Complaints of An Airline Company with Text Mining Furkan Yeter, Gülder Kemalbay
	Kiralık Konut Fiyatlarının Hedonik Fiyat Teorisi Yaklaşımına Göre Semiparametrik Yöntem ile Tahmini: İstanbul İli Örneği Zeynep Şengül		An overview of multivariate adaptive regression splines Müge Mutuş, Ufuk Beyaztaş, Filiz Karaman	Machine Learning Based Turkish Sentiment Analysis for Product Reviews On An E-Commerce Website Barış Ulusoy, Gülder Kemalbay

## 3 NOVEMBER 2023 (FRIDAY)

	BÜYÜK SALON	YEŞİL SALON	KIRMIZI SALON	FERRUH ERTÜRK SALONU / SEMİNER SALONU
09.00-09.45	Invited Speaker-5 Prof. Dr. Reza BELAGHI, "Introduction to the discrete factor Analysis" Chairman: Assoc.Prof. Öyküm Esra Yiğit			
Session Chair	Filiz Karaman	Serhat Atakul	Doğan Yıldız	Serkan Akoğul
09.45-10.30	Invited Speaker-6 Assoc. Prof. Unsal OZDOGRU, "Applications of Statistics" Chairwoman: Prof. Dr. Filiz Karaman	Long-short Term Memory (LSTM) Modeling of Milk Production in Türkiye Ersin Şener, İbrahim Demir New Urban-Rural Classification of Türkiye Selin Ertürk, Birkan Ergüç, Sümeyye Derici	Türkiye'de Ekonomik Gelişme Perspektifinde Sanayi Üretim Endeksinin Makine Öğrenme Algoritmalarıyla Tahmin Edilmesi İrfan Ersin AB Üyesi Ülkeler ve Türkiye'nin Mutluluk Düzeylerinin Alternatif Yöntemler Kullanılarak Karşılaştırılması Esra Öncül, Doğan Yıldız	Veri Bozma/Karıştırma/Maskeleye/Anonimleştirme Sistemi ve Yöntemi Doğan Candan Kadına Yönelik Şiddet İle Sürdürülebilir Kalkınma İlişkisinin İncelenmesi Aşlı Aşik Yavuz
10.30-11.00	Coffee Break	Coffee Break	Coffee Break	Coffee Break
Session Chair	Paulo Canas Rodrigues	Serhat Atakul	Doğan Yıldız	Şenol Çelik
11.00-11.45	Invited Speaker-7 Assoc. Prof. Ozan KOCADAĞLI, "Artificial intelligence applications in medical diagnostics" Chairman: Prof. Dr. Paulo Canas Rodrigues	Forecasting Cattle Population In Türkiye, Fethi Şaban Özbek, İbrahim Demir, Semih Ergişçi Resmi İstatistikler ve Etik Asıla Koçak	Yüz Tanıma Teknolojisi ile Sokak Raporajlarında Duygu Analizi, Demografik Tahminler ve İşsizlik Oranı Karşılaştırması Muzaffer Göztaş, Doğan Yıldız Statistical Study Of Earth Magnetospheric Disturbances Caused By Intense Solar Plasma Hasan Şafak Erdağ, Zehra Can	Prediction of Solar Power Plant Production with Metaheuristic Optimization Technique Yaren Korkmaz, Gülder Kemalbay Bibliometric Analysis of Studies on Electricity Consumption Şenol Çelik
11.45-12.00	Coffee Break	Coffee Break	Coffee Break	Coffee Break
Session Chair	Ozan Kocadağlı	İbrahim Demir	Nuran Çakar Yıldız	Adnan Karabrahimoğlu
12.00-12.50	Invited Session: Medical AI Deep Learning-Based Bi-Rads Classification For Mammography Image Analysis, Boran Toktay Ozan Kocadağlı, Arda Tekin, Harun Yazgan, Ahmet Can Günay *Utilizing a Residual-Enhanced UNet Framework for Automated Ultrasound Image Segmentation of Thyroid Nodules Neslihan Gökmen İnan, Ozan Kocadağlı CRISPR: Prediction of Off-Target Levels by Using Latent Class Analysis and Machine Learning Ali Mertcan Köse, Ozan Kocadağlı Identification Of Epileptic Patterns Using Time-Frequency Analysis And Deep Learning Classifiers Over Eeg Signals Ezgi Özer, Amaldo G. Batista, Ozan Kocadağlı	Türkiye'de Hanehalkı Düzeyinde Sosyo-Ekonomik Statü (SES) Hesaplaması Mehmet Şaban Ucarı, Furkan Metin, İbrahim Demir, Metin Aytaç, Onur Şentürk Cinsiyete Göre Yaşam Beklentisinin Şekillenmesinde Etkili Faktörler: OECD Daha İyi Yaşam İndeksi Analizi Mert Veznikli Classical Methods For Estimation Of Constant Stress Accelerated Life Test Under Exponentiated Pareto Distribution, Fatma Gül Akgül	The Usage of Recommendation Systems in Spotify Zeynep Budak Yılmaz, Necla Gündüz Tekin Derin Öğrenmede Tekrarlayan Sinir Ağları Yaklaşımı İle Hisse Senedi Fiyat Tahmini Güldeniz Canatan, Güzin Yüksel	Metaverse, Blockchain And Nft Knowledge And Awareness Research, Adnan Karabrahimoğlu, Pınar Göktaş Research of Digital Privacy and Data Protection Perceptions Among University Students Adnan Karabrahimoğlu, Burak Basaran, Gulnihari Gunduz Measuring School Life Expectancy At Nuts III Level Derya Tuncer, Furkan Metin, Turgay Altun
13.30-14.30	Lunch Time	Lunch Time	Lunch Time	Lunch Time
Session Chair	Münever Turanlı	Hülya Yürekli	Nilgün Yıldız	
14.30-15.15	Invited Speaker-8 Özden Ulaşoğlu "Regression Technique in PSY" Chairwoman: Assoc. Prof. Elif Tuna Invited Speaker-4 Assoc.Prof. Selim Gündüz "Kamuyu Araştırma Şirketlerinin Bugünü ve Geleceği" Chairman: Assoc.Prof.İbrahim Demir	Rfım İle Müşteri Değer Segmentasyonu Ve Profil Çıkarımı Zeynep Hüsnü Akbal, Münevver Turanlı Kedi Cinslerinin Karakteristik Özelliklerine Göre Kümeleme Özgülür Eren Altun, Münevver Turanlı Türkiye'deki Orman Yangınlarının Kümeleme Analizi İle İncelenmesi Ayşenur Bayraktar, Münevver Turanlı	Marshall-Ölkin Power Garima Distribution: Properties and Applications Mine Doğan, Ayşe Metin Karakaş Dengesiz Veri Setlerinde Hibrit Öznitelik Seçimi Sonrası Makine Öğrenmesi Algoritmaları ile Sınıflandırma Meryem Pulat, İpek Deveci Kocakoç Unveiling Hidden Patterns in Students' Reading Achievement through Data Mining , Hülya Yürekli, Okan Bulut	Optimization of Operating Conditions of Beta-Type Stirling Engine with Regenerator Using Artificial Neural Network and Response Surface Method, Ece ÖZGÖREN, Berna YAZICI, Yaşar Önder ÖZGÖREN Multivariable Stock Price Forecasting with Deep Neural Networks Selim Serin, Gülder Kemalbay Bankacılık Riskinde Kural Çıkarma: Nedensel Çizgilerin Dil Modelleriyle Bütünleştirilmesi Murat Öztürkmen
15.15-15.30	Coffee Break	Coffee Break	Coffee Break	Coffee Break
Session Chair	Güçkan Yapar	Serkan Akoğul	Özlem Türksen	Mehmet Emin Köroğlu
15.30-16.30	Permutasyonel Çok Değişkenli Varyans Analizinin Eğitim Alanında Bir Uygulaması Barış Atakışi, Doğan Yıldız K-Means Clustering Analysis of European Health Status Pre-Covid-19 Ümmü Şahin Şener, Ersin Şener Ata Forecasting Method As A Benchmark Güçkan Yapar	A Neural Network Based Model Using A Wavelet Transform Approach for Observational Data Gökçe Nur Taşoğlu Arslan, Serpil Kılıç DEPREN The Use of WS Similarity Measure and Weighted Rank Measure of Correlation in Comparisons of MCDM Methods Serkan Akoğul Gerçek Yaşam Temelli Matematik Etkinliklerine Katılan Dezavantajlı Ortaokul Öğrencilerin Matematige Yönelik Bakış Açılarının İstatistiksel Olarak İncelenmesi Şevval Gökçen, Elif Bahadır, Elif Tuna, Mehmet Şamil Güneş	Uzunlamasına Verilerde Toplam Fayda Kazancının Hesaplanması İçin R Shiny ile Yeni Bir Kullanıcı Arayüzü Pervin Demir, Selcen Yüksel An overview of multivariate adaptive regression splines, Müge Mütiş, Ufuk Beyaztaş, Filiz Karaman Aralık Değerli Veriler için Merkez ve Aralık Yöntemi ile Altın Orana Dayalı Doğrusal Bir Modelleme Yaklaşımı Gözde Ulu Metin, Özlem Türksen	Optimal Constacyclic Locally Recoverable Codes with Minimum Distance 2 and Constacyclic Codes with Minimum Locality Rabia Zengin, Mehmet Emin Köroğlu Constacyclic Codes with Locality at Most 2 and Dimension 2 Rabia Zengin, Mehmet Emin Köroğlu A Contribution to the thermal Field Evaluation at the tool-Part interface of Machining Conditions Benhadji Serradj Nasr-Eddine, D. Kara Ali, K. Benhadji Serradj, M.E.A. Ghernaout, S.A. Benmansour
		Using Deep Neural Network As An Extension to Traditional Survival Analysis Sumaila Abubakari, Filiz Karaman	Statistical Inference for Logistic Distribution-based Geometric Process based on Partially Observed Data, Coşkun Kuş, İrfan Şanlı	Effects of Distance and Absorber Shape on The Energetic and Exergetic Performance of a Solar Collector Hocine Guellil, Abdel İllah Nabil Kortı

EVALUATION OF POSTER PRESENTATIONS					
3 NOVEMBER (FRIDAY)	16.45-17.30	Structural, dynamical and mechanical properties of CsBiO <sub>3</sub> oxide-perovskite from ab-initio calculations, Ougherb Chewki, Tarik Ouahrani, Abdelkarim Ferouani	Comparison of the Mechanical Characteristics of two Composite Plates Made of Natural and Synthetic Fibers by Numerical Simulation Benmansour Sid Ahmed, A.Ferouani, S.M.N. Serdoun	Bank Failure Prediction Models Addressing imbalanced Data and Out-of-Time Performance Seyma Gunonu, Gizem Altun, Mustafa Çavuş	Modelisation of the second harmonic generation of hexagonal bismuth borate SrBi <sub>2</sub> B <sub>2</sub> O <sub>7</sub> crystal for ultraviolet opto-electronic applications: An ab initio study, Boudghene Stambouli Naouel, Chewki Ougherb, Tarik Ouahrani
		Numerical Modeling and Analysis of the Mechanical Behavior and Repair of a Metal Structure with a Sleeve Made of Composite Materials Benmansour Sid Ahmed, A. Benmoussat, A.Ferouani, M. Fekih, N.Benhadj Serradj	The Odd Moment Exponential-G Poisson Distributions: Properties, Estimation, and Applications Khaoula Aidi	A Novel Concept Drift Detection Method Based On The Partial Dependence Profile Disparity Index, Mustafa Çavuş, Uğur Dar	Structural, Dynamical and Mechanical Properties of Csbi <sub>3</sub> Oxide Perovskite From Ab-Initio Calculations, Abdelkarim Ferouani, Tarik Ouahrani, Chewki Ougherb
		Sizing of a drip irrigation system with photovoltaic pumping Benhadji Serradj Kawther, Benhadji Serradj Nasreddine, Benmansour Abdelhalim, Hassaine Taha, E.A	Kumaraswamy generalized exponential distributions with accelerated failure time, Khaoula Aidi		

4 NOVEMBER 2023 (SATURDAY, ONLINE PRESENTATIONS)					
		AZİZ BENER SESSION	MERİH İPEK SESSION	KAYHAN OZOGUZ SESSION	BAKİ İSİKARA SESSION
4 NOVEMBER 2023 (SATURDAY, ONLINE PRESENTATIONS)	09.00-09.45	Invited Speaker-9 Ebru Çağlayan Akay "Büyük Veri Ekonometrisi" Chairwoman: Assoc.Prof.Elif Tuna			
	Session Chair	Elif Tuna	Serkan Akoğul	Serpil Kılıç Depren	Mehmet Yalçın
	09.45-11.00	Testing the Validity of Environmental Kuznets Curve In the Context of Green Growth: Evidence from Panel Quantile Regression Model Ebru Çağlayan Akay, Merve Ertok Onurlu, Zamira Oskonbaeva	Gage R&R Study Under Non-Normal Distributed Parts Sümeyra Sert, Coşkun Kuş	Improved Maximum Likelihood Estimators For Generalized Normal Distribution Hasan Hüseyin Gül, Fatma Zehra Doğru	Parameter Estimation for Geometric Process with inverse Rayleigh Distribution, Asuman Yılmaz
		Bitcoin ile Dolar, Altın ve Bist 100 Endeksi Arasındaki Nedensellik İlişkisi Hakan Kaya, Batuhan Özkan	The Prediction of Defects for Cotton Yarn Using Machine Learning Methods Eda Yalçın Kayacan	Conditional Randomization Test for Conformal Robust Neural Networks in Outlier Detection Mehmet Ali Kaygusuz, Vilda Puruçoğlu	Statistical Inference for ROC Surface Analysis Under The Three-Class Problems Ertan Akgeç, Coşkun Kuş
		Makroekonomik Göstergelerin Analizinde Konjonktürel Dalgalanmaların Önemi Muhammed Fatih Tüzen	Detecting the Anomalies on Website Session Counts with Machine Learning Algorithms Furkan Alver, Erhan Çene	Community Learning Models in Unbalanced Distribution Data Emre Asil	A Robust Estimation Method for Sealar-on-Function Logistic Regression Model Berkey Aktürk, Ufuk Beyaztaş
		Vadeli Mevduat Hesabı Aboneliği Tahmini Makine Öğrenmesi Yaklaşımı Hikmet Selim Talu, Fatma Noyan Tekeli	Econometric Analysis of The Relationship Between Consumer Confidence Index and Macroeconomic Variables Tuncay Morali, Eda Yalçın Kayacan, Serkan Akoğul	Control of Standard Error of Survival Data with Average Treatment Effect Mehmet Ali Kaygusuz, Vilda Puruçoğlu	Demand Prediction Models for Term Deposit Supply with an Automatic Machine Learning Method (Datablender) in Banking Gizem Aydın, Mehmet Yalçın
		Durağan Stokastik Zaman Serileri İçin Model Seçim Kriterlerinin Simülasyon Çalışmasıyla Karşılaştırılması, Pınar Göktepe	Türkiyede Turizm Talebinin İstatistiksel Tekniklerle İncelenmesi Ayşe Sarıkaya, Hasan Aykut Karaboğa, Reşit Çelik	Linear Splines with Knots Yield Better Effect Size Compared to Repeated Measures ANOVA Olca Dilken, Serpil Kılıç Depren	Spatio-Temporal Modelling of insurance Claim Frequency and Severity Övgücan Karadağ Erdemir, Murat Büyükyazıcı, Reza Hajipour Farsangi
	11.00-11.15	Break	Break	Break	Break
	Session Chair	Özer Depren	Zehra Zeynep Şahinbaşoğlu	Mehmet Sıddık Çadırıcı	Nuran Çakar Yıldız
	11.15-12.00	Modeling the Factors of Bullying in Education with a Super Learner Approach, Özer Depren	Kişilerin Koroner Kalp Hastalığı Riski Taşıyıp Taşımadığını Lojistik Regresyon Kullanılarak Araştırılması Zehra Zeynep Şahinbaşoğlu	To Generalize the Nearest Neighbour Method for Dependent Observations Mehmet Sıddık Çadırıcı	Applying Ranking Algorithms in Vehicle Auction Sequencing Berke Yağmur, Bekir Çetintav
Backcasting Process of Household Labour Force Survey Osman Sert		Meta-Analysis on The Effects of COVID-19 on Thyroid Disorders İpek Dağdeviren, Elif Çiğdem Keleş, Meliha Melin Uygur	A New Generalized Family Of Distributions For Lifetime Data, Hasan Hüseyin Gül	Evaluation of Target Markets of Technological Products in Turkey Using Statistical Methods Aylin Uçan, Doğan Yıldız, Nuran Çakar Yıldız	
12.00-12.15	Break	Break	Break	Break	
Session Chair	S. Şule Aksakal	Mehmet Şamil Güneş	Elif Tuna	Öyküm Esra Yiğit	
12.15-13.30	Avrupa Birliği Ülkelerinde Temel Gelir Sorgulamasında Çoklu Uyum Analizi Kullanımı Zehra Zeynep Şahinbaşoğlu	Demand Prediction Models for Term Deposit Supply with an Automatic Machine Learning Method (Datablender) in Banking Gizem Aydın, Mehmet Yalçın	The Standard Two-Sided Power Distribution For Modelling Type II Censored Data İsmet Birbiçer, Ali İ. Genç	Fishing and Vessel Incidents in Turkey: A Statistical Approach Based on Extreme Weather Conditions Effects Kaan Ünlügeçen	
	A Strategic Perspective: Electre-Based Optimal Reinsurance Başak Bulut Karageyik	Makine Öğrenme Yöntemleri Kullanılarak Zaman Serisi Verilerinin Analizi Yasemin Günter, Fatma Noyan Tekeli	User Churn Analysis and Package Renewal Prediction Tolga Kaplan, Bekir Çetintav	A Comparison of Estimation Methods Using Monte Carlo Simulation for the Inverted Topp-Leone Distribution Kübra Bağcı	
	Evaluation of 2023 Nations League Women's Volleyball Player Performances with Multi-Criteria Decision Making Methods , Aylin Karaman, Serpil Kılıç Depren	İstatistiksel Analizde Ortak Entropi Uygulaması Nida Oruç, Doğan Yıldız	Comparison of Beta Regression and Linear Regression in Terms of Asymptotic Efficiency of Rsquares, Suay Ereeç	Resmi İstatistiklerde Mevsimsel Düzeltme ve TÜİK'te Uygulamaları , Gülşüm Merve Gökçin	
	Veri Madenciliği Yöntemleri İle Çocuk İstismarı Davaları Üzerine Bir İnceleme S. Şule Aksakal, Esin Avcı	Metal Emtia Piyasalarında Etkinlik Hipotezinin Güncel Birim Kök Testleriyle İncelenmesi, Derya Öz	Başlıca İnguinal Kanal Patolojilerinin Makine Öğrenmesi Algoritmaları İle Tahmin Edilmesi Alihan Yılmaz, Emrah Aydın, Selmahan Selim	Alternatif Bir Doğrusal Olmayan Eşbütünleşme Testi Önerisi Hoşeng Bülbül	
	An Evaluation of Technical Efficiency In Turkish Statistical Institute: The Case Of 26 Regional Offices Nevra Alhas-Eroglu, Nuri Er	Kurumsal Sosyal Sorumluluğun Pisagor Bulanık Entropi Tekniği ile İncelenmesi Abdulkadir Keskin, Burak Leblebicioğlu, Nilüfer Kıracı Leblebicioğlu	Bernstein Window Interpolation Problems Tuba Şekerci, Mehmet Gürcan	Revision on Official Statistics and the Importance of Revision Policy, Fatma Aydan Kocacan Nuray	
END OF THE SESSIONS					
~18.00	A bus will move from our university for gala dinner				

4 NOVEMBER 2023 (SATURDAY)

-19.00

**GALA DINNER**

The gala dinner will be at Baltalimani Social Facilities, which has a unique view of the Bosphorus. We are waiting for the gala dinner of you, our valuable academics participating in the conference. The gala dinner is not included in the conference fee and is 620 ₺. Please report your participation in the gala dinner to the officials at the registration table during the conference.

An image from where the gala dinner will be held.



5 NOVEMBER 2023 (SUNDAY, BOSPHORUS TOUR)

**5 NOVEMBER 2023 (SUNDAY, BOSPHORUS TOUR)**

-12.00

Experience the mesmerizing beauty of the Bosphorus during an unmissable event that will weave through the very heart of Istanbul, linking two continents, Asia and Europe. Prepare to be enchanted as we unveil all the exciting details about this extraordinary Bosphorus tour on the day of the congress. The best part? Your ticket to this unforgettable journey comes absolutely free as our special gift to all congress participants. Don't miss out on this breathtaking adventure! On the day of the congress, please inform the officials whether you will attend the Bosphorus tour or not.



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